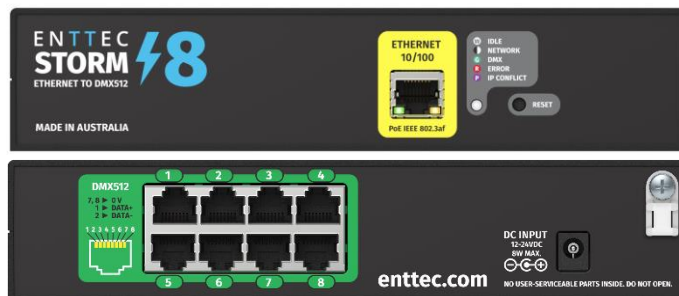




STORM 8 – Datasheet

Compact 8 universe DMX over Ethernet to DMX Converter.



ENTTEC's STORM8 is a compact, output only DMX-Ethernet gateway allowing DMX fixtures to be connected to an ethernet infrastructure.

The Storm8 converts Art-Net & sACN protocol to 8 Universes of DMX. To provide as many outputs as possible within a 1U half-width rack device, the STORM 8 outputs fully compliant DMX using RJ45 outputs, Cat5e/Cat6 cable can be wired to a standard DMX plug either locally to the STORM 8 or at the first fixture. Using RJ45 cables instead of DMX cable can prove cheaper and more efficient especially on long term installations.

The STORM 8's can be powered by either PoE or a 12-24V DC jack input. Its intuitive web interface features front LED indicators showing the status and connectivity of each unit, making installations both simple and fast.

The STORM8 allows merging of up to two Ethernet-DMX sources via HTP or LTP methods, providing additional flexibility without the need for other hardware

Features

- **8 Universe Ethernet to DMX Node**
- **8 DMX (RJ45) data output ports**
- **Easy to update & configure through any web browser**
- **Supports Art-Net & sACN**
- **1 RJ45 connector (10/100 Mbps)**
- **PoE or DC jack power input.**
- **Static or Dynamic (DHCP) IP configuration (DHCP by default).**
- **Status indicator LED.**
- **Supports DMX512/1990.**
- **Independent refresh rate configurable for each DMX output.**
- **Option to disable certain ports.**
- **Each DMX output can be configured to enable or disable merging HTP/LTP.**
- **The Storm8 ships with rack ears allowing mounting in half or full width rack spaces.**

Specification

Connectors	8* DMX output (RJ45)	
	1* Power input (DC)	
	1* Ethernet (RJ45)	
IP rating	IP20	
LED status indicator	Forward facing LED indicator	
	Network link/Activity (integrated into RJ45 port)	
Input protocols	Art-Net	sACN
Output protocol	USITT DMX512/1990	
Max. output channels	4096 (8 Universes)	
Max. output refresh rate	40FPS	
Network speed	10/100Base-T	
Network configuration	Static (Default 192.168.0.10) / DHCP	
DMX ports	8x Rj45	
RDM	No	
Max. merging sources	2 Sources	
Firmware updates	Web browser	
Input voltage	12-24V DC / PoE IEEE802.3AF	
Max. Power draw	8 Watts	
Cooling method	Convection	
Environmental operating temperature	-20°C to 50°C 32°F to 122°F	
Environmental operating humidity	5- 95% (non-condensing)	
Body material	ABS + anodized aluminium	
Rack Ear Material	Powder coated aluminium.	
Unit dimensions	200*120*42 mm	
Unit weight	0.44kg / 0.97lbs	
Shipping dimensions	390*210*110 mm	
Shipping weight	0.79kg / 1.74lbs	
Warranty	3-year return to base manufacturer warranty	

Certification



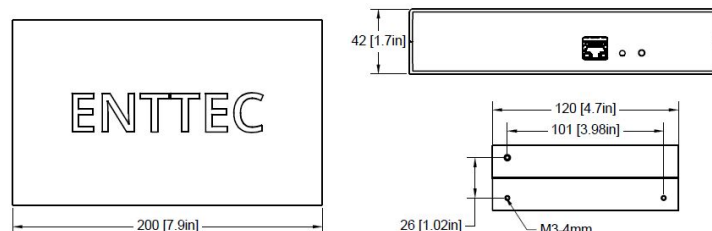
Box contents

- STORM8
- Ethernet cable
- 12V PSU & International plugs
- Rack, Surface/Din mount ears + Din Clips + Screws

Cat5/6 Pin for DMX connectors (output port)

- Pin 1: Data +
 - Pin 2: Data -
 - Pin 7: Ground
- Pin numbering in accordance with ANSI E1.27-2*

Physical dimension



Application diagram



Safety

- This unit is intended for indoor use only. Do not expose to rain or moisture, doing this will void the warranty.
- Make all the connections before you plug in the mains power.
- Do not remove the cover, there are no serviceable parts inside.
- Never plug this unit into a dimmer.
- Always be sure to mount this unit in an area that will allow 6" (20cm) of ventilation.
- Power-supply cords should be routed so they cannot be damaged, damaged or force applied to the device's ports.
- Label any Cat5/6 DMX connector and DO NOT connect to non-DMX port (eg Ethernet Switch). Connecting unlike systems could result in serious damage to Storm8 and equipment.

Ordering information

For further support and to browse ENTTEC's range of products visit the ENTTEC website.

Item	SKU
STORM8	70056

enttec.com

MELBOURNE AUS / LONDON UK / RALEIGH-DURHAM USA

Due to constant innovation, information within this document is subject to change.